



# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

900 SOUTH FREMONT AVENUE  
ALHAMBRA, CALIFORNIA 91803-1331  
Telephone: (626) 458-5100  
<http://dpw.lacounty.gov>

**GAIL FARBER, Director**

ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1460  
ALHAMBRA, CALIFORNIA 91802-1460

May 17, 2011

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, California 90012

# ADOPTED

BOARD OF SUPERVISORS  
COUNTY OF LOS ANGELES

50 May 17, 2011

*Sachi A. Hamai*  
SACHI A. HAMAI  
EXECUTIVE OFFICER

Dear Supervisors:

**CHANGES IN WORK FOR A PUBLIC WORKS CONTRACT  
BIGBRIAR, MULLALLY, PINELAWN, AND  
STARFALL DEBRIS BASIN ENLARGEMENTS  
IN THE CITY OF LA CANADA-FLINTRIDGE AND  
IN THE UNINCORPORATED COMMUNITY OF LA CRESCENTA  
(SUPERVISORIAL DISTRICT 5)  
(3 VOTES)**

### **SUBJECT**

This action is to approve the changes in work and the increased contract amount for a public works construction contract for Bigbriar, Mullally, Pinelawn, and Starfall Debris Basin Enlargements in the City of La Canada-Flintridge and in the unincorporated community of La Crescenta.

### **IT IS RECOMMENDED THAT YOUR BOARD ACTING AS THE GOVERNING BODY OF THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT:**

Find the requested changes in work related to modifying a crib wall, removing additional concrete, stormwater diversion plan, a preconstruction video, additional concrete and shotcrete, waterline support, and additional asphalt concrete work, with an increase in the contract amount of \$132,444, will have no significant effect on the environment and approve the changes and increased amount for Project ID No. FCC0001186 – Bigbriar, Mullally, Pinelawn, and Starfall Debris Basin Enlargements, enlargements of debris basins to provide additional sediment storage capacity, in the City of La Canada-Flintridge and in the unincorporated community of La Crescenta, being performed by 4-Con Engineering, Inc.

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

The purpose of the recommended action is to obtain approval from your Board, acting as the governing body of the Los Angeles County Flood Control District, for these changes in this public works contract in support of the timely completion of the project while avoiding delays and the potential for claims. The description of the changes, estimated costs, and the necessary time extension are listed in the enclosure.

The Chief Engineer or her designee has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your Board's approval are changes in work in excess of the Chief Engineer's delegated limit, which is required to complete the project.

### **Implementation of Strategic Plan Goals**

The Countywide Strategic Plan directs the provisions of Operational Effectiveness (Goal 1) and Community and Municipal Services (Goal 3). Approval of these changes will provide improved infrastructure to better serve the public and enhance the quality of life in the affected community.

### **FISCAL IMPACT/FINANCING**

These changes in work will have no impact to the County General Fund.

The estimated change order amount for this contract is \$132,444.

Funding for these changes in work is included in the Fiscal Year 2010-11 Flood Control District Fund Budget. A detailed cost breakdown for the changes, together with a contract cost summary, is included in the enclosure.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

The contract for the construction of this public works improvement was awarded by your Board on May 27, 2010, to a responsible contractor with the lowest responsive bid in accordance with the State Public Contract Code, your Board's directives, and as recommended by the Chief Engineer or her designee.

### **ENVIRONMENTAL DOCUMENTATION**

These changes in work as described above and in the enclosure do not change any conditions which resulted in the original environmental findings.

### **CONTRACTING PROCESS**

The contract provides that the contractor be compensated for the work resulting from changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs are based on contract unit prices, time and materials, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosure.

**IMPACT ON CURRENT SERVICES (OR PROJECTS)**

Approval of the requested changes by your Board will ensure the timely completion of work under the contract and result in complete and usable facilities.

**CONCLUSION**

Please return one adopted copy of this letter to the Department of Public Works, Construction Division.

Respectfully submitted,

A handwritten signature in cursive script that reads "Gail Farber".

GAIL FARBER  
Director

GF:JTS:bc

Enclosures

c: Chief Executive Office (Rita Robinson)  
County Counsel  
Executive Office  
Office of Affirmative Action Compliance

CHANGES IN WORK (APPROVE)  
May 17, 2011

PROJECT ID NO. FCC0001186 – BIGBRIAR, MULLALLY, PINELAWN, AND STARFALL DEBRIS BASIN ENLARGEMENTS (in the City of La Canada-Flintridge and in the unincorporated community of La Crescenta), Supervisorial District 5, Contractor: 4-Con Engineering, Inc.

Project Description:

Enlargements of debris basins to provide additional sediment storage capacity.

Changes in Work:

(1) Crib wall modifications	\$ 20,532.00
(2) Additional concrete removal	31,000.00
(3) Stormwater diversion plan	9,000.00
(4) Preconstruction video	1,700.00
(5) Additional concrete	27,482.00
(6) Additional shotcrete	5,250.00
(7) Waterline support	1,980.00
(8) Additional asphalt concrete work	<u>35,500.00</u>
Total	<u>\$132,444.00</u>

Description of Changes:

(1) The plans do not show how the proposed front crib wall interlocks with the existing wall. An additional wall panel has to be removed from each side of the crib wall in order to interlock the proposed wall. The work will require additional excavation and removal and reconstruction of wall panels.

(2) It is necessary to remove the existing reinforced concrete cap from the existing crib wall in order to extend the wall as shown on the plans. The concrete cap is not shown on the plans.

(3) The California Regional Water Quality Control Board permit requires that a Stormwater Diversion Plan be prepared and implemented prior to rain events. It is necessary to compensate the contractor for this plan. This work was not part of the original bid.

(4) A preconstruction video is needed to document existing conditions along Pickens Canyon prior to rain events. The survey will allow for the study of potential future erosion impacts of the project area.

(5) The amount of concrete needed to construct the new improvements is greater than the bid quantity. The contractor needs to be compensated for the additional concrete.

(6) The amount of shotcrete needed to stabilize the slopes is greater than the bid quantity. The contractor needs to be compensated for the additional shotcrete.

(7) The size of the concrete waterline support needs to be increased from what is shown on the plans to provide adequate support. The contractor needs to be compensated for the additional work.

(8) It is necessary to resurface the access road at the completion of all work. This work was not shown on the plans.

The costs for Items 1 through 8 were negotiated as provided in Subsection 3-2 of the contract specifications.

Twenty-six additional working days will be required because of these changes.

Financial Information:

This work is necessary as a result of damage caused by the Station Fire. We are seeking reimbursement for a portion of the project cost under Federal and State disaster assistance programs. Funding for these changes in work is available in the Fiscal Year 2010-11 Flood Control District Fund Budget.

Revised Contract Amount:

Original contract amount	\$565,091.00
Changes in work previously approved under delegated authority	207,394.50
Changes in work to be approved	<u>132,444.00</u>
Revised contract amount	<u>\$904,929.50</u>
Percent total change to original contract amount	60%

MR:ss